

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 80-12

NPDES PERMIT NO. CA0028509

WASTE DISCHARGE REQUIREMENTS FOR:

F. E. CRITES, INC., AND F. E. CRITES
PITTSBURG, CONTRA COSTA COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region, finds that:

1. F. E. Crites Inc., and F. E. Crites, as an individual, collectively called the discharger below, submitted a Report of Waste Discharge (Form 200), dated August 1, 1977.
2. The discharger proposes to dredge approximately 85,000 cubic yards of silts and clay per year by hydraulic dredge from Suisun Bay in the West Pittsburg vicinity for the expansion of McAvoy Harbor. The dredged spoils will be pumped to a disposal site. This activity will result in the elimination of eight acres of seasonal wetlands and the intermittent discharge of approximately 3.1 million gallons per day (mgd) of wastewater during times of dredging. The wastewater will be clarified through a primary sedimentation and two clarification ponds, and discharged through a pipeline into the bottom of Suisun Bay as shown in Attachment A, which is incorporated herein and included as part of this Order.
3. The Board adopted a Water Quality Control Plan for the San Francisco Bay Basin in April 1975.
4. The beneficial uses of Suisun Bay and contiguous waters, as identified in the Basin Plan, are:
 - a. Recreation (contact and non-contact).
 - b. Fish migration and spawning.
 - c. Habitat for wildlife and estuarine organisms including some rare and endangered species.
 - d. Industrial water supply.
 - e. Esthetic enjoyment.
 - f. Navigation.
 - g. Commercial and sport fishing.
5. A land use permit, No. 128-63, was issued by Contra Costa County for this project on June 3, 1963. Consequently, this project is exempt from CEQA pursuant to the provisions of Section 15070, Title 14, California Administrative Code.

6. Action on this matter was delayed because of Resources Agency objection to the elimination of eight acres of wetlands and their attempts to reach agreement with the discharger to complete a wildlife and habitat compensation plan as a mitigation measure. Agreement on this plan has now been reached.
7. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for this discharge and has provided them an opportunity for a public meeting and an opportunity to submit their written views and recommendations.
8. The Board, in a public meeting, heard and considered all comments pertaining to the discharge.
- IT IS HEREBY ORDERED that F. R. Crites, Inc. and Lloyd E. Crites, in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, and the provisions of the Federal Water Pollution Control Act and regulations and guidelines adopted thereunder, shall comply with the following:
- A. Prohibitions
1. The bypass of treatment facilities and discharge of untreated waste to waters of the state is prohibited.
 2. The erosion of sand, silt or clay into Suisun Bay is prohibited.
 3. All runoff due to storm waters or cleanup operations from sand process, storage and handling areas and from any chemical storage and handling areas shall be routed through the settling ponds.
 4. The discharge of wastewater to the adjacent marsh and Suisun Bay shall not cause bottom sediment deposits.
 5. The disposal of dredge spoil outside the disposal area shown in Attachment A is prohibited.
- B. Effluent Limitations
1. Representative samples of the waste discharge shall not contain constituents in excess of the following limits:

Constituent	Units	Maximum
Settleable Matter	ml/l/hr	1.0
Total Organic Carbon	mg/l	35
Dissolved Sulfide	mg/l	0.1

2. The waste discharge shall not have a pH of less than 6.5 nor greater than 8.5.

C. Receiving Water Limitations

1. The discharge of waste shall not cause the following conditions to exist in waters of the State at any place:

- a. Floating, suspended, or deposited macroscopic particulate matter or foam;

- b. Bottom deposits or aquatic growths;

- c. Alteration of temperature or apparent color beyond present natural background levels;

- d. Visible, floating, suspended, or deposited oil or other products of petroleum origin;

- e. Toxic or other deleterious substances to be present in concentrations or quantities which will cause deleterious effects on aquatic biota, wildlife, or waterfowl, or which render any of these unfit for human consumption either at levels created in the receiving waters or as a result of biological concentration.

2. The discharge shall not cause a violation of any applicable water quality standard for receiving waters adopted by the Board or the State Water Resources Control Board as required by the Federal Water Pollution Control Act and regulations adopted thereunder. If more stringent applicable water quality standards are promulgated or approved pursuant to Section 303 of the Federal Water Pollution Control Act, or amendments thereto, the Board will revise and modify this Order in accordance with such more stringent standards.

D. Provisions

1. The discharger shall comply with all effluent and receiving water limitations, prohibitions, and provisions of this Order immediately upon adoption.

2. The discharger shall comply with the attached Self-Monitoring and Reporting Program as ordered by the Executive Officer.

3. The discharger shall comply with all items of the attached "Standard Provisions and Reporting Requirements," dated April 1977, except A.5, A.12, A.16, B.2, B.3, and B.5.

4. This Order expires March 18, 1985. The discharger must file a report of waste discharge in accordance with Title 23, Chapter 3, Subchapter 9 of the California Administrative Code not later than 180 days in advance of such expiration date as application for issuance of new waste discharge requirements.

5. The discharger shall conform with all the conditions of the Corps permit issued by the Department of the Army including but not restricted to the conditions to complete the wildlife and habitat compensation plan.

6. This Order shall apply to any parties conducting dredging operations on this project or to any subsequent owner of the site.

I, Fred H. Dierker, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on March 13, 1980.

FRED H. DIERKER
Executive Officer

Attachments:

Attachment A
Standard Provisions, Reporting Requirements
& Definitions, dated April 1977
Self-Monitoring Program

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

SELF-MONITORING PROGRAM
FOR

F. E. Crites Inc. and Floyd Crites

McAvoy Harbor Expansion

Pittsburg, Contra Costa County

NPDES NO. CA 0028169

ORDER NO. 80-12

CONSISTS OF

PART A

AND

PART B

PART B

A. GENERAL

Reporting responsibilities of waste dischargers are specified in Sections 13225(a), 13267(b), 13268, 13383, and 13387(b) of the California Water Code and this Regional Board's Resolution No. 73-16.

The principal purposes of a monitoring program by a waste discharger, also referred to as a self-monitoring program, are:

1. To document compliance with waste discharge requirements and prohibitions established by this Regional Board,
2. To facilitate self-policing by the waste discharger in the prevention and abatement of pollution arising from waste discharge,
3. To develop or assist in the development of effluent or other limitations, discharge prohibitions, national standards of performance, pretreatment and toxicity standards, and other standards, and
4. To prepare water and wastewater quality inventories.

B. DESCRIPTION OF SAMPLING STATIONS AND SCHEDULE OF SAMPLING, ANALYSES AND OBSERVATIONS

I. Effluent - Hydraulic Dredging Operation

<u>Station</u>	<u>Description</u>
E-001	The wastewater at the weir in the sump pit prior to discharge through the pipeline from the clarification ponds to the Suisun Bay.

<u>Station</u>	<u>Type of Sample and Frequency</u>	<u>Analyses</u>	<u>Units</u>
E-001	Grab sample during the first and last hour of operation each day, daily when discharging	Settleable Matter pH Total Organic Carbon	ml/l-hr units mg/l

II. Receiving Water

<u>Station</u>	<u>Description</u>
C-1-E-001	At a point located within 20 feet and under the influence of the discharge from the retention pond pipeline in the Suisun Bay.

<u>Station</u>	<u>Description</u>
C-R-E-001	At a point located 100 feet east and out of the influence of the discharge from the retention pond pipeline in the Suisun Bay.

<u>Station</u>	<u>Type of Sample & Frequency</u>	<u>Observation</u>
All C Stations	Prior to and at the conclusion of each period of discharge	All standard observations as follows:
a.	Evidence of oil, grease or foam: presence or absence, source, and size of affected area.	
b.	Discoloration: description of color, source, and size of affected area.	
c.	Bottom sediment deposits resulting from discharge: average depth of deposit, characterization, and size of affected area.	

III. Land Observations at Clarification Ponds

<u>Station</u>	<u>Description</u>
L-1 thru L-'n'	Located along the perimeter levee of the land impoundment facility at equidistant intervals not to exceed 300 feet. (A sketch showing the location of these stations will accompany each report.)

<u>Type of Sample and Frequency</u>	<u>Observation and Analyses</u>
Observations, twice weekly during periods of discharge	All standard observations as follows:
(1)	Determine height of the freeboard at lowest point of dikes confining liquid wastes.
(2)	Evidence of leaching liquid from area of confinement and estimated size of affected area. (Show affected area on a sketch.)
(3)	Evidence of low points of dike resulting in overflow of water other than described in Report of Waste Discharge. Low points shall be filled immediately with appropriate fill material.

C. REPORTS TO BE FILED WITH THE REGIONAL BOARD

1. Report by telephone the scheduled date of commencement of each unloading operation at least five working days prior to commencement date.

2. Violations of Requirements

In the event the discharger is unable to comply with the conditions of the waste discharge requirements and prohibitions due to:

- (a) Maintenance work, power failures, or breakdown of waste treatment equipment, or
- (b) Accidents caused by human error or negligence, or
- (c) Other causes, such as acts of nature,

the discharger shall notify the Regional Board Office by telephone as soon as he or his agents have knowledge of the incident and confirm this notification in writing within two weeks of the telephone notification. The written report shall include pertinent information explaining reasons for the noncompliance and shall indicate what steps were taken to prevent the problem from recurring.

3. Self-Monitoring Reports

Written reports shall be filed regularly for each calendar quarter (unless specified otherwise) by the fifteenth day of the following month. The reports shall be in letter form, and shall specifically cover each point in the Monitoring Program (Part B). Any violations shall be clearly identified, and actions taken or planned for correcting violations shall be included. Monitoring reports shall be signed:

- (a) In the case of corporations, by a principal executive officer at least the level of vice-president or his duly authorized representative, if such representative is responsible for the overall operation of the facility from which the discharge originates, or
- (b) In the case of a partnership, by a general partner, or
- (c) In the case of a sole proprietorship, by the proprietor.

The letter shall contain a statement by the official, under penalty of perjury, that to the best of the signer's knowledge the report is true and correct.

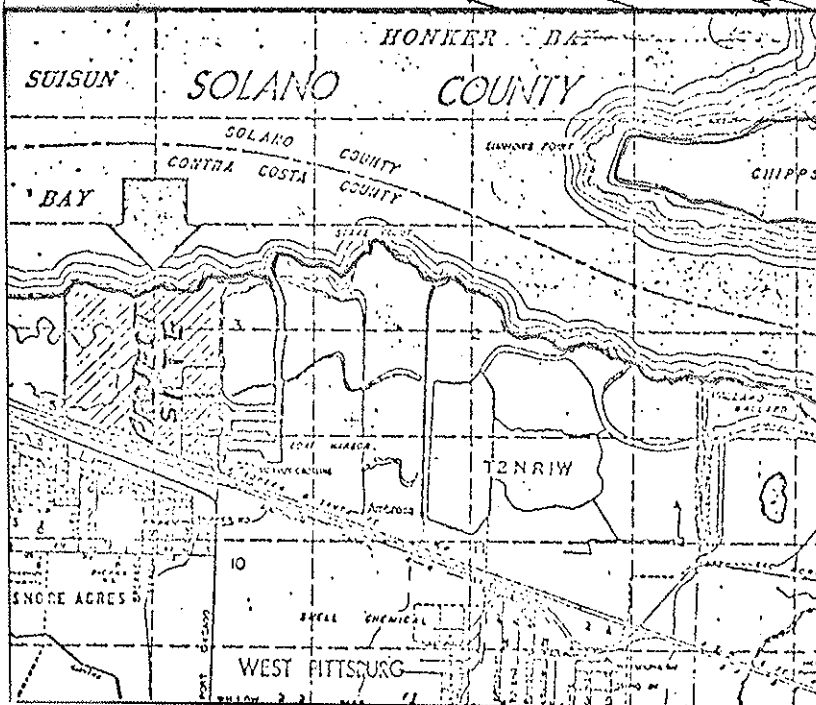
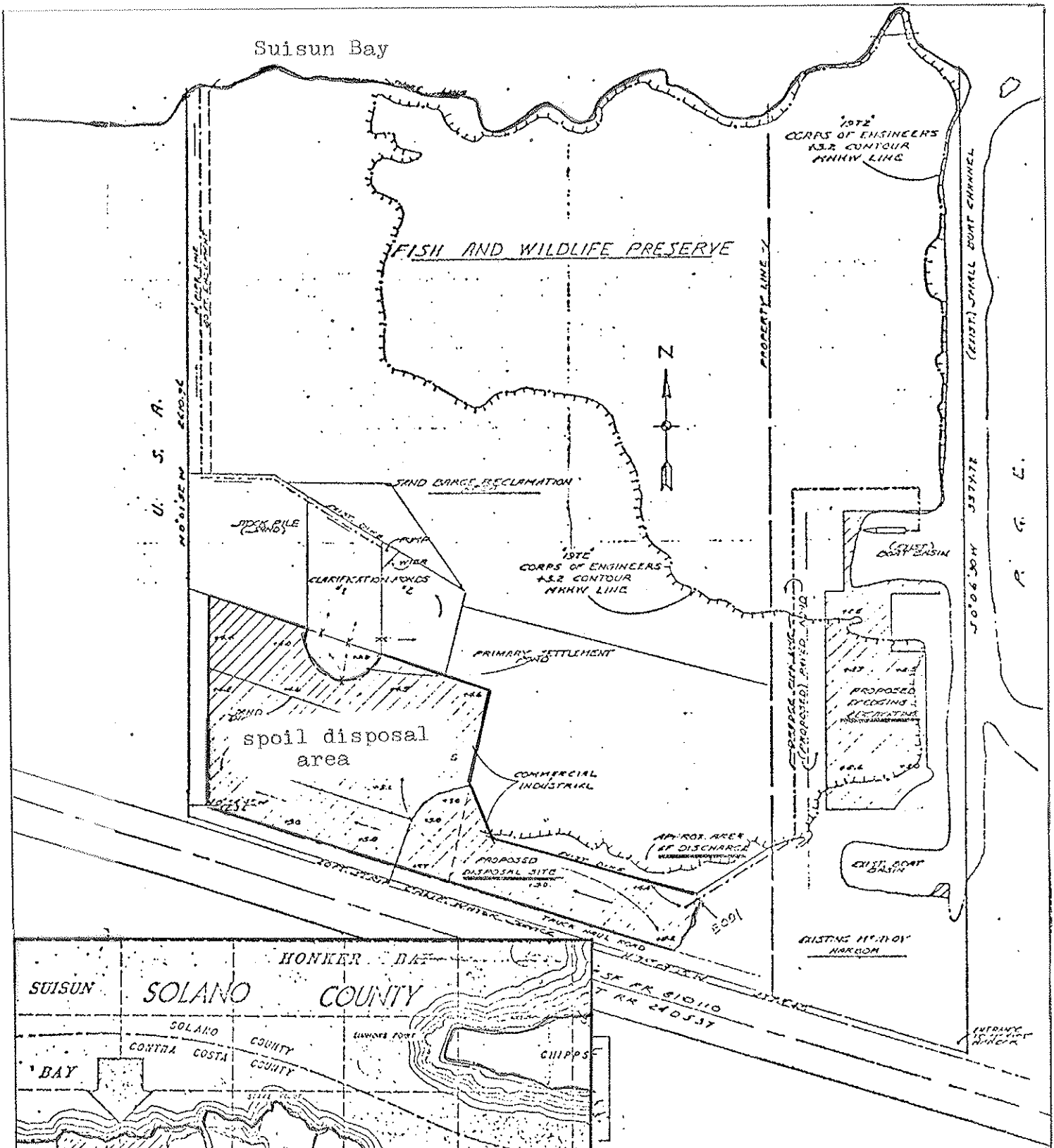
I, Fred H. Dierker, Executive Officer, hereby certify that the foregoing Self-Monitoring Program:

- 1. Has been developed in accordance with the procedure set forth in this Regional Board's Resolution No. 73-16 in order to obtain data and document compliance with waste discharge requirements established in Regional Board Order No. 80-12.
- 2. Is effective on the date shown below.

3. May be reviewed at any time subsequent to the effective date upon written notice from the Executive Officer or request from the discharger and revisions will be ordered by the Executive Officer.

FRED H. DIERKER
Executive Officer

Effective Date 3/20/80



Attachment A

F. E. Crites - McAvoy Harbor
Project

ORDER 80-12